## What is claimed is:

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1. A structuring method, including photolithographically exposing a pattern comprising at least a first pattern portion and a second pattern portion onto a surface, said surface comprising at least a first surface portion at which a tangential plane to the surface extends in a first plane and a second surface portion at which a tangential plane to the surface extends in a second plane not

coinciding with the first plane, the method comprising

a first exposure step, in which the first pattern portion is exposed, therein being focused into a first focal plane, and

a second exposure step, in which the second pattern portion is exposed, therein being focused into a second focal plane which is different from the first focal plane.

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2. The method according to claim 1, wherein the first focal plane and the second focal plane are mutually parallel.

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22 3. The method according to claim 1, wherein the first 23 focal plane extends parallel to the first plane.

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25 4. The method according to claim 1, wherein the second 26 focal plane extends parallel to the second plane.

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28 5. The method according to claim 1, wherein 29 the first pattern portion and the second pattern 30 portion are exposed such that they at least partly overlap 31 on the surface.

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33 6. The method according to claim 1, wherein the first 34 exposure step and the second exposure step are performed 35 subsequently.

7. The method according to claim 1, wherein the distanceperpendicular to the first or second focal plane between

3 the first focal plane and the second focal plane is 150

4 μm.

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6 8. A structuring method, including photolithographically

7 exposing a pattern comprising at least a first pattern

8 portion and a second pattern portion onto a surface, said

9 surface comprising at least one planar top face extending

10 in a first plane, one planar bottom face extending in a

11 second plane being parallel to and not coinciding with the

first plane, and a sloping step face connecting the top

·13 face and the bottom face, the method comprising

a first exposure step, in which the first pattern portion is exposed onto the top face and at least part of the sloping step face, with the first pattern portion being focused into a first focal plane, and

a second exposure step, in which the second pattern portion is exposed onto the bottom face and at least part of the sloping step face, with the second pattern portion being focused into a second focal plane different from the first focal plane.

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- 24 9. The method according to claim 8, wherein the first 25 focal plane and the second focal plane are mutually
- 26 parallel.

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28 10. The method according to claim 8, wherein the first 29 focal plane extends parallel to the first plane.

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- 31 11. The method according to claim 8, wherein the second
- 32 focal plane extends parallel to the second plane.

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- 34 12. The method according to claim 8, wherein
- the first focal plane is spaced closer to the first
- 36 plane than the second focal plane is, and

the second focal plane is spaced closer to the second

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plane than the first focal plane is. 2 3 The method according to claim 8, wherein 4 the first focal plane coincides with the first plane, 5 and the second focal plane coincides with the second 7 plane. 8 The method according to claim 8, wherein 9 14. the first focal plane coincides with the first plane 10 or the second focal plane coincides with the second plane. 11 12 The method according to claim 8, wherein 13 15. the first pattern portion and the second pattern 14 portion are exposed such that they at least partly overlap 15 on the surface. 16 17 The method according to claim 8, wherein the first 18 exposure step and the second exposure step are performed 19 subsequently. 20 21 The method according to claim 8, wherein the distance 22 perpendicular to the first or second focal plane between 23 the first focal plane and the second focal plane is 150 24 25 μm. 26 The method according to claim 8, wherein two 27 different masks are used to expose the first pattern 28 portion and the second pattern portion, respectively. 29 30 The method according to claim 8, further comprising, 31 after the first and the second exposure step, 32 a deposition step, in which a conductive material is 33 deposited to the surface and further treated, if 34 necessary, so as to generate a conductive structure made 35 of conducting material and having a shape which 36

corresponds to the shape of the pattern.

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20. A structuring method, including photolithographically 1 exposing a pattern comprising at least a first pattern 2 portion and a second pattern portion onto a surface, said 3 surface comprising at least one planar top face extending 4 in a first plane, one planar bottom face extending in a 5 second plane being parallel to and not coinciding with the 6 first plane, and a sloping step face connecting the top 7 face and the bottom face, the method comprising 8

a first exposure step, in which the first pattern portion is exposed onto the top face and at least part of the sloping step face, with the first pattern portion being focused into a first focal plane,

a second exposure step, in which the second pattern portion is exposed onto the bottom face and at least part of the sloping step face, with the second pattern portion being focused into a second focal plane different from the first focal plane, and

at least one further exposure step, wherein in the further exposure step, a further pattern portion is exposed onto at least part of the sloping step, with the further pattern portion being focused into a further focal plane.

24 21. The method according to claim 20, wherein at least 25 two out of the first focal plane and the second focal 26 plane and the further focal plane/s are mutually parallel.

28 22. The method according to claim 20, wherein at least 29 one focal plane out of the first focal plane and the 30 second focal plane and the further focal planes extends 31 parallel to the first or second plane.

23. The method according to claim 20, wherein
the first focal plane is spaced closer to the first
plane than the second focal plane is, and
the second focal plane is spaced closer to the second
plane than the first focal plane is.

The method according to claim 20, wherein

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the first focal plane coincides with the first plane, 2 and the second focal plane coincides with the second 3 4 plane. 5 The method according to claim 20, wherein 6 25. the first focal plane coincides with the first plane 7 or the second focal plane coincides with the second plane. 8 9 The method according to claim 20, wherein 10 26. the further focal plane/s is/are located between the 11 first focal plane and the second focal plane. 12 13 The method according to claim 20, wherein 14 27. pattern portions resulting from different exposure 15 steps out of the first, second and further exposure steps 16 and being adjacent on the surface at least partially 17 18 overlap. 19 The method according to claim 20, wherein 20 28. pattern portions resulting from different exposure 21 steps out of the first, second and further exposure steps 22 and being adjacent on the surface have an overlap of from 23 1 to 5 µm. 24 25 The method according to claim 20, wherein at least 26 two out of the first exposure step, the second exposure 27 step, and the further exposure step/s are performed 28 subsequently. 29 30 The method according to claim 20, wherein the 31 distance perpendicular to the first or second focal plane 32 between the first focal plane and the second focal plane 33 34 is 150  $\mu m$ . 35 The method according to claim 20, wherein a different 36

mask is used to expose each of the first pattern portion,

the second pattern portion, and the further pattern portion/s, respectively.

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4 32. The method according to claim 20,

wherein the first pattern portion and the second pattern portion are exposed such that they at least partly overlap on the surface, and,

further comprising, after the first and the second exposure step, a deposition step, in which a conductive material is deposited to the surface so as to generate a conductive structure made of conducting material and having a shape which corresponds to the shape of the pattern.

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- 33. A structuring method, including photolithographically exposing a pattern comprising at least a first pattern portion and a second pattern portion onto a surface extending in a surface plane and being structured perpendicular to the surface plane, the method comprising
- a resist coating step, in which the surface is coated by a photosensitive resist,
- a first exposure step, in which the first pattern portion is exposed into the resist, therein being focused into a first focal plane,
- a second exposure step, in which the second pattern portion is exposed into the resist, therein being focused into a second focal plane which is different from the first focal plane,
- a development step, in which the exposed resist is developed so as to transfer the pattern into the resist, and
- a deposition step, in which a conductive material is deposited to the surface and further treated, if necessary, so as to generate a conductive structure made of conducting material and having a shape which corresponds to the shape of the pattern.

- 34. A structuring method, including photolithographically exposing a pattern comprising at least a first pattern portion and a second pattern portion onto a surface extending in a surface plane and being structured perpendicular to the surface plane, the method comprising a deposition step, in which a conductive material is deposited to the surface,
  - a resist coating step, in which the surface is coated by a photosensitive resist,
  - a first exposure step, in which the first pattern portion is exposed into the resist, therein being focused into a first focal plane,
    - a second exposure step, in which the second pattern portion is exposed into the resist, therein being focused into a second focal plane which is different from the first focal plane,
    - a development step, in which the exposed resist is developed so as to transfer the pattern into the resist,
  - an etching step, in which the exposed material not covered by the resist is etched.